

ANALYSIS REPORT

CUSTOMER NAME : CENTARA GRAND BEACH RESORT AND VILLAS HUA HIN
ADDRESS : 1 DAMNERNKASEM ROAD HUA HIN HUA HIN PRACHUAP KHIRI KHAN 77110
CONTACT INFORMATION : TEL : 09 5624 7946 e-mail : engsecretary@chr.co.th
SAMPLING SOURCE : STORAGE TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : JULY 8, 2025
SAMPLING TIME : 08:20 HOUR
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS CHATTRAPORN RATCHANET
RECEIVED DATE : JULY 9, 2025
ANALYTICAL DATE : JULY 9-12, 2025
ISSUE DATE : JULY 23, 2025
REPORT NO. : 2025-U067095
WORK NO. : 2024-012034
ANALYSIS NO. : T25AP218-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			STORAGE TANK T25AP218-0003		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.6 (25°C)	6.5-8.5	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	ND	-	0.1
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	-	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : WATER SUPPLY STANDARDS, NOTIFICATION OF THE PROVINCIAL WATERWORKS AUTHORITY FOLLOW AS WORLD HEALTH ORGANIZATION (WHO) GUIDELINE ISSUE NO.4, A.D.2011; APPENDIX 1, A.D. 2017 (B.E. 2560).

ND : NOT DETECTED.

COMMENT : ALL TESTED PARAMETERS ARE COMPLIED WITH REGULATORY STANDARD BY REPORTING ACCORDING TO UAE.WI.046.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



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ADDRESS : 1 DAMNERNKASEM ROAD HUA HIN HUA HIN PRACHUAP KHIRI KHAN 77110
CONTACT INFORMATION : TEL : 09 5624 7946 e-mail : engsecretary@chr.co.th
SAMPLING SOURCE : STORAGE TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : AUGUST 12, 2025
SAMPLING TIME : 08:30 HOUR
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS SUJIRA PRASERTSUKHO
RECEIVED DATE : AUGUST 13, 2025
ANALYTICAL DATE : AUGUST 13-15, 2025
ISSUE DATE : AUGUST 26, 2025
REPORT NO. : 2025-U076279
WORK NO. : 2024-012034
ANALYSIS NO. : T25AR541-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			STORAGE TANK T25AR541-0003		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.4 (25°C)	6.5-8.5	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	ND	-	0.1
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	-	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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REGULATORY STANDARD : WATER SUPPLY STANDARDS, NOTIFICATION OF THE PROVINCIAL WATERWORKS AUTHORITY FOLLOW AS WORLD HEALTH ORGANIZATION (WHO) GUIDELINE ISSUE NO.4, A.D.2011; APPENDIX 1, A.D. 2017 (B.E. 2560).

ND : NOT DETECTED.

COMMENT : ALL TESTED PARAMETERS ARE COMPLIED WITH REGULATORY STANDARD BY REPORTING ACCORDING TO UAE.WI.046.

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ADDRESS : 1 DAMNERNKASEM ROAD HUA HIN HUA HIN PRACHUAP KHIRI KHAN 77110
CONTACT INFORMATION : TEL : 09 5624 7946 e-mail : engsecretary@chr.co.th
SAMPLING SOURCE : STORAGE TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : SEPTEMBER 9, 2025
SAMPLING TIME : 08:40 HOUR
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : SEPTEMBER 10, 2025
ANALYTICAL DATE : SEPTEMBER 10-15, 2025
ISSUE DATE : SEPTEMBER 25, 2025
REPORT NO. : 2025-U085735
WORK NO. : 2024-012034
ANALYSIS NO. : T25AU081-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			STORAGE TANK T25AU081-0003		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.4 (25°C)	6.5-8.5	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	ND	-	0.1
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	1.1	-	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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REGULATORY STANDARD : WATER SUPPLY STANDARDS, NOTIFICATION OF THE PROVINCIAL WATERWORKS AUTHORITY FOLLOW AS WORLD HEALTH ORGANIZATION (WHO) GUIDELINE ISSUE NO.4, A.D.2011; APPENDIX 1, A.D. 2017 (B.E. 2560).

ND : NOT DETECTED.

COMMENT : ALL TESTED PARAMETERS ARE COMPLIED WITH REGULATORY STANDARD BY REPORTING ACCORDING TO UAE.WI.046.

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LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME	: CENTARA GRAND BEACH RESORT AND VILLAS HUA HIN	RECEIVED DATE	: OCTOBER 8, 2025
ADDRESS	: 1 DAMNERNKASEM ROAD HUA HIN HUA HIN PRACHUAP KHIRI KHAN 77110	ANALYTICAL DATE	: OCTOBER 8-15, 2025
CONTACT INFORMATION	: TEL : 09 5624 7946 e-mail : engsecretary@chr.co.th	ISSUE DATE	: OCTOBER 21, 2025
SAMPLING SOURCE	: STORAGE TANK	REPORT NO.	: 2025-U095507
SAMPLE TYPE	: WATER SUPPLY	WORK NO.	: 2024-012034
SAMPLING DATE	: OCTOBER 7, 2025	ANALYSIS NO.	: T25AW792-0003
SAMPLING TIME	: 08:40 HOUR		
SAMPLING METHOD	: -		
SAMPLING BY	: CUSTOMER		
ANALYZED BY	: MISS JITSAMON NGAMKANA		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			STORAGE TANK T25AW792-0003		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.6 (25°C)	6.5-8.5	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	ND	-	0.1
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	-	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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REGULATORY STANDARD : WATER SUPPLY STANDARDS, NOTIFICATION OF THE PROVINCIAL WATERWORKS AUTHORITY FOLLOW
AS WORLD HEALTH ORGANIZATION (WHO) GUIDELINE ISSUE NO.4, A.D.2011; APPENDIX 1, A.D. 2017 (B.E. 2560).

ND : NOT DETECTED.

COMMENT : ALL TESTED PARAMETERS ARE COMPLIED WITH REGULATORY STANDARD BY REPORTING ACCORDING TO UAE.WI.046.

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CONTACT INFORMATION : TEL : 09 5624 7946 e-mail : engsecretary@chr.co.th
SAMPLING SOURCE : STORAGE TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : NOVEMBER 11, 2025
SAMPLING TIME : 08:20 HOUR
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS CHATRAPORN RATCHANET

RECEIVED DATE : NOVEMBER 13, 2025
ANALYTICAL DATE : NOVEMBER 13-17, 2025
ISSUE DATE : NOVEMBER 21, 2025
REPORT NO. : 2025-U106092
WORK NO. : 2024-012034
ANALYSIS NO. : T25AZ648-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			STORAGE TANK T25AZ648-0003		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	7.4 (25°C)	6.5-8.5	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	ND	-	0.1
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	6.9	-	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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REGULATORY STANDARD : WATER SUPPLY STANDARDS, NOTIFICATION OF THE PROVINCIAL WATERWORKS AUTHORITY FOLLOW AS WORLD HEALTH ORGANIZATION (WHO) GUIDELINE ISSUE NO.4, A.D.2011; APPENDIX 1, A.D. 2017 (B.E. 2560).

ND : NOT DETECTED.

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CONTACT INFORMATION : TEL : 09 5624 7946 e-mail : engsecretary@chr.co.th
SAMPLING SOURCE : STORAGE TANK
SAMPLE TYPE : WATER SUPPLY
SAMPLING DATE : DECEMBER 9, 2025
SAMPLING TIME : 08:20 HOUR
SAMPLING METHOD : -
SAMPLING BY : CUSTOMER
ANALYZED BY : MISS CHATRAPORN RATCHANET

RECEIVED DATE : DECEMBER 11, 2025
ANALYTICAL DATE : DECEMBER 11-16, 2025
ISSUE DATE : DECEMBER 24, 2025
REPORT NO. : 2025-U116803
WORK NO. : 2024-012034
ANALYSIS NO. : T25BB960-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			STORAGE TANK T25BB960-0003		
pH ^c	-	ELECTROMETRIC METHOD (SM: PART 4500-H ⁺ B)	8.2 (25°C)	6.5-8.5	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	DPD FERROUS TITRIMETRIC METHOD (SM: PART 4500-Cl F)	ND	-	0.1
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	1.1	-	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

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ND : NOT DETECTED.

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